

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

ORDER NO. 86-24
NPDES NO. CA0006165

AN ORDER AMENDING ORDER NO. 85-44,
WASTE DISCHARGE REQUIREMENTS FOR:

STAUFFER CHEMICAL COMPANY
MARTINEZ PLANT
MARTINEZ, CONTRA COSTA COUNTY

The California Regional Water Quality Control Board, San Francisco Bay Region, finds that:

1. On April 30, 1985, the Regional Board adopted Order No. 85-44 (NPDES No. CA0006165) prescribing waste discharge requirements for Stauffer Chemical Company, Martinez plant (hereinafter referred to as the discharger).
2. The discharger manufactures sulfuric acid by the contact process using a varied feed mix. The acid is produced by regenerating spent refinery sludge acids, and by burning sulfur. Waste water flow is dependent on production rate, water content of the acid sludge, and runoff.
3. Waste 001 consists of waste water from sulfuric acid production, including process waste, blowdown from cooling towers, caustic scrubbers and other ancillary equipment, plant washdown, pretreated leachate from cinder and slag deposits on the plant site and seasonal rain runoff from the plant site. The leachate is treated by precipitation, flocculation, settling and neutralization, before being combined with the untreated process and other plant wastes and rainfall runoff. The combined waste is treated by precipitation, flocculation, settling and neutralization and is discharged into Peyton Slough at a point near the foot of Mococo Road. Peyton Slough is tributary to Carquinez Strait, a navigable water of the United States. The discharge is not continuous. The average monthly dry-weather flow rate excluding leachate is approximately 0.063 million gallons per day.
4. Order No. 85-44, provides, in part as follows:

"Prohibition A.1.

Discharge of waste 001 which contains constituents of concern, and is discharged at a location that does not receive a minimum of 10:1 dilution, is prohibited."

and

"Provision E.2.

The discharger shall comply with Discharge Prohibition A.1. by July 1, 1987. The discharger shall submit by July 15, 1985 a

proposal with time schedule for achieving compliance. Compliance may be achieved by demonstrating to the satisfaction of the Board that an exception to the Basin Plan Prohibition should be granted. The discharger shall submit to the Board by July 1, 1986 the proposed demonstration of Prohibition exception, or a demonstration that resources have been committed towards compliance, such as a Draft Environmental Impact Report. The discharger shall submit by July 15th and January 15th, annually, reports demonstrating progress towards compliance."

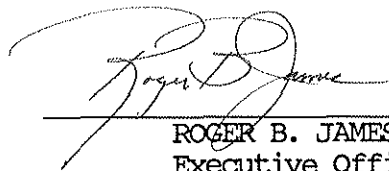
5. The discharger has requested a permit modification to extend the July 1, 1986 deadline for submittal of the proposed demonstration of Prohibition exception or demonstration that resources have been committed towards compliance.
6. The Board grants this extension with the understanding that the discharger is committed to achieving full compliance with Basin Plan prohibition by July 1, 1987.
7. Pursuant to Water Code Section 13389, this permit admendment is exempt from the provisions of Chapter 3 of Division 13 of the Public Resources Code (California Enviornmental Quality Act).
8. The Board has notified the discharge and interested persons and agencies of its intent to prescribe revised waste discharge requirements for the discharger.
9. The Board in a public meeting, heard and considered all comments pertaining to the discharge.

IT IS HEREBY ORDERED, that this Board's Order No. 85-44 is amended as follows:

A. Provision E.2. is revised to read as follows:

The discharger shall comply with Discharge Prohibition A.1 by July 1, 1987. Compliance may be achieved by demonstrating to the satisfaction of the Board that an exception to the Basin Plan Prohibition should be granted. The discharger shall submit to the Board by December 1, 1986 the proposed demonstration of Prohibition exception, or a demonstration that resources have been committed towards compliance, such as a Draft Environmental Impact Report. The discharger shall submit by the 15th of each month reports demonstrating progress towards compliance.

I, Roger B. James, Executive Officer, do hereby certify the foregoing is a full, true and correct copy of an Order adopted by the California Regional Water Quality Control Board, San Francisco Bay Region, on April 16, 1986.



Handwritten signature of Roger B. James in cursive script, written over a horizontal line.

ROGER B. JAMES
Executive Officer